

## **ABSTRACT**

A system is disclosed for reproducing a moving image encoded into an encoded data stream in accordance with JPEG 2000 that includes a reproduction apparatus and a transmission apparatus. The reproduction apparatus transmits a reproduction condition being set by a setting unit provided therein, the reproduction condition set in accordance with the user's operation, to the transmission apparatus. The transmission apparatus transmits an encoded data stream reconfigured by a reconfiguration unit based on the reconfiguration method determined by a determination unit based on the reproduction condition. When determining the reconfiguration condition, the determination unit may take a traffic condition of a communication channel into consideration. According to the above embodiments, the system does not need to transmit an original encoded data stream via the communication channel but can transmit the reconfigured encoded data stream that contains only encoded data for satisfying a user's requirement.